

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	40	(shift near1 register) and successively and (double near3 sampling) and pulse.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/14 15:02
S1	2	("20040257350").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/14 15:00
S4	1117	(345/94).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 13:48
S5	3607	(345/87).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 13:48
S6	604	(365/185.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 13:46
S7	1894	(365/185.18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 13:47
S8	505	(365/185.25).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 13:47
S9	1956	(345/98).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 13:47

## EAST Search History

S10	161	(349/37).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 13:47
S12	392516	multiplex\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:48
S15	62680	demultiple\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:52
S16	6447	de-multiple\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:49
S17	35933	precharg\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:49
S18	13724	pre-charg\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:50
S19	26014	double with sampl\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:50
S20	6992	(double or dual) near sampl\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:50

## EAST Search History

S21	959182	overlap\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:50
S22	2372075	switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:51
S23	12558	interference with image and signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:51
S24	3734518	sampl\$5 switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:51
S25	329414	uniformit\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:52
S26	1230463	pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:52
S27	4589068	S17 or S18 near\$4 S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:53
S28	6212	S17 same S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:54

## EAST Search History

S29	2343	sample near switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:54
S30	20219	sampl\$5 near pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:54
S32	4086	sampl\$5 adj switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:56
S33	241	S17 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 15:51
S34	4	S33 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:59
S35	18	S33 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:58
S36	0	S33 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:58
S37	0	S33 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:58

## EAST Search History

S38	0	S33 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:58
S39	17	S33 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:58
S40	0	S33 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:58
S41	5602359	liquid crystal display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:59
S42	251752	lcd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 14:08
S43	435	(grey or gray) adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 14:24
S44	15	S43 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 15:46
S45	2610398	double pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 15:34

## EAST Search History

S46	2162	double adj pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 15:34
S47	0	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 15:47
S48	12	"double sampling pulse"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 15:47
S49	4085	sampl\$4 adj switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 15:52
S50	159	S49 and (S4 or S5 or S6 or S7 or S8 or S9 or S10)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 16:09
S51	2	("20040257349").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 16:11
S52	1	("6958549").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 16:14
S53	2	("20040222981").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 16:29

## EAST Search History

S54	292	(S17 or S18) and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 16:30
S55	54	S54 and lcd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 16:30
S56	2	("6924784").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 13:03
S57	2	("5990877").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 13:05
S58	2	("6563743").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 13:07
S59	2	("6307681").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 13:08
S60	2	("3641511").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 13:08
S61	2	("6282136").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 13:09

## EAST Search History

S62	2	("6064363").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 14:39
S63	0	("clock").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 14:39
S64	679127	clock	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 14:39
S65	1230463	pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 14:39
S66	253158	S64 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 14:43
S67	304654	double and sampl\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 14:44
S68	4	interefer\$6 near image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 14:44
S69	2	("20060046572").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 16:42



## EAST Search History

S70	100	((("4813031") or ("5245262") or ("5654657") or ("5710517") or ("5734674") or ("4972436") or ("5247470") or ("5386372") or ("5544080") or ("5557426") or ("5757439") or ("5836889") or ("5864313") or ("5982315") or ("6028890") or ("4388638") or ("4535473") or ("4608606") or ("4627080") or ("4628497") or ("4912729") or ("4937576") or ("5218437") or ("5266908") or ("5274375") or ("5412423") or ("5444546") or ("5448303") or ("5465159") or ("5477473") or ("5493297") or ("5508856") or ("5589994") or ("5640698") or ("5712838") or ("5717618") or ("5731922") or ("5808595") or ("5821807") or ("5872755") or ("5946053") or ("5963099") or ("6047040") or ("6072759") or ("6091305") or ("6124542") or ("6134374") or ("6144409") or ("6160508"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 09:18
S71	2	("5648793").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 09:20
S72	2	("6359608").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 09:38
S73	2	("5892493").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 09:38
S74	2	("6359608").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/22 13:52
S75	2973	"345/204".CCLS.	US-PGPUB; USPAT	OR	ON	2007/09/14 10:35

## EAST Search History

S76	506	((HIROSHI) near2 (KOBAYASHI)). INV.	US-PGPUB; USPAT	OR	ON	2007/09/14 10:33
S77	6	S76 and S75	US-PGPUB; USPAT	OR	ON	2007/09/14 10:38
S78	258659	(double or mult\$6 or two) same pulse	US-PGPUB; USPAT	OR	ON	2007/09/14 10:39
S79	109271	"345"/\$5	US-PGPUB; USPAT	OR	ON	2007/09/14 10:39
S80	69574	"345"/\$5.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/14 10:39
S81	51783	((double or mult\$6 or two) same pulse) and sampl\$3) and (switch or tft)	US-PGPUB; USPAT	OR	ON	2007/09/14 11:11
S82	15	S80 and S76	US-PGPUB; USPAT	OR	ON	2007/09/14 11:10
S83	7696	sampling near1 pulse	US-PGPUB; USPAT	OR	ON	2007/09/14 11:15
S84	4473100	(double or two or plur\$4)	US-PGPUB; USPAT	OR	ON	2007/09/14 11:16
S85	7233	S83 and S84	US-PGPUB; USPAT	OR	ON	2007/09/14 11:16
S86	693	S83 and S84 and S80	US-PGPUB; USPAT	OR	ON	2007/09/14 11:17
S87	7911	shift near1 pulse	US-PGPUB; USPAT	OR	ON	2007/09/14 11:18
S88	7818	(double or two or plura\$4) and (shift near1 pulse)	US-PGPUB; USPAT	OR	ON	2007/09/14 11:19
S89	129	(double or two or plura\$4) and (shift near1 pulse) and precharge	US-PGPUB; USPAT	OR	ON	2007/09/14 12:25
S90	1	10/820048	US-PGPUB; USPAT	OR	ON	2007/09/14 12:47
S91	2771	345/87.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/14 12:49
S92	1902	345/98.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/14 12:49
S93	842	345/94.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/14 12:49
S94	1902	345/98.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/14 12:49
S95	2973	345/204.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/14 12:50
S96	643	365/185.01.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/14 12:51

## EAST Search History

S97	2090	365/185.18.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/14 12:50
S98	565	365/185.25.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/14 12:50
S99	456	365/204.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/14 12:51
S10 0	1759	(double near3 sampling) and pulses and switches	US-PGPUB; USPAT	OR	ON	2007/09/14 12:53
S10 1	123	(double near3 sampling) and (second near1 pulse)	US-PGPUB; USPAT	OR	ON	2007/09/14 12:54
S10 2	99	(double near1 sampling) and (second near1 pulse)	US-PGPUB; USPAT	OR	ON	2007/09/14 12:55
S10 3	6	(double near1 sampling) and (second near1 pulse) and (gate near1 lines)	US-PGPUB; USPAT	OR	ON	2007/09/14 12:56
S10 4	1	(double near1 sampling) and (second near1 pulse) and (gate near1 lines).clm.	US-PGPUB; USPAT	OR	ON	2007/09/14 12:56
S10 5	16	(double near3 sampling) and (second near3 pulse) and (gate near3 lines).clm.	US-PGPUB; USPAT	OR	ON	2007/09/14 12:56
S10 6	2	S105 and S95	US-PGPUB; USPAT	OR	ON	2007/09/14 13:06
S10 7	124	(sampling near3 switches) and (first near1 pulse) and (second near1 pulse).clm.	US-PGPUB; USPAT	OR	ON	2007/09/14 13:07
S10 8	6	(sampling near3 switches) and (first near1 pulse) and (second near1 pulse)and precharge.clm.	US-PGPUB; USPAT	OR	ON	2007/09/14 13:07